

FORM - 1449
APR 06 2001

SHEET 1

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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

SwRI-2749A

SERIAL NO.

09/726,769

APPLICANT

Furman, et al.

FILING DATE

Nov. 29, 2000

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1711

U.S. PATENT DOCUMENTS #4

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
hl	AA	4,215,033	07/29/80	Bowen			
	AB	4,539,048	09/03/85	Laurence B. Cohen			
	AC	4,588,756	05/13/86	Bowen			
	AD	4,623,738	11/18/86	Sugerman, et al.			
	AE	4,659,751	04/21/87	Bowen			
hl	AF	4,663,147	05/05/87	DePrince			
hl	AG	4,753,652	06/28/88	Langer, et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
hl	AH	015987 B1	30.10.85	EP				
	AI	0159887 A2	30.10.85	EP				
hl	AJ	WO 94/16183	10/01/92	DE				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

hl	AK	Michael Dewar et al., "Factors Influencing the Stabilities of Nematic Liquid Crystals", J. Am. Chem. Soc., (1975), 97(23), 6658-6666						
hl	AL	Y. Wei, "Synthesis of New Organic-Inorganic Hybrid Glasses", Chem. Mater. (1990), 2(4), 337-339,						
hl	AM	W. Wedler et al., "Vitrification in Low-molecular-weight Mesogenic Compounds", J. Mater Chem., (1991), 1(3), 347-356						

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
hk	BA	4,964,911	11/23/90	Ibsen, et al.			
	BB	4,978,640	12/18/90	Kelly			
	BC	5,030,608	07/09/91	Schubert, et al.			
	BD	5,057,018	11/15/91	Bowen			
	BE	5,064,877	11/12/91	Nass, et al.			
hk	BF	5,276,068	01/04/94	Waknine			
	BG	5,308,886	05/03/94	Masuhara, et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
hk	BH	WO 94/16129	07/21/94	US				
hk	BI	Ep 0 754675 A2	01.07.96	EP				
hk	BJ	EP 0722992 A1	07/24/96	DE				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

hk	BK	Sukmin Lee et al., "Phase Behavior of Liquid Crystalline Polymer/Model Compound Mixtures: Theory and Experiment", Macromolecules, (1994), 27, 3955-3962						
hk	BL	R. A. M. Hikmet et al., "Effect of the Orientation of the Ester Bonds on the Properties of Three Isomeric Liquid Crystal Diacrylates before and after Polymerization", Macromolecules (1995), 28, 3313-3327						
	BM							

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
hh	CA	5,328,947	07/12/94	Taguchi, et al.			
hh	CB	5,334,625	08/02/94	Ibsen, et al.			
	CC	5,372,796	12/13/94	Wellinghoff			
	CD	5,401,528	03/28/95	Monika Schmidt			
	CE	5,472,797	12/05/95	Yajima, et al.			
hh	CF	5,486,548	01/23/96	Podszum, et al.			
hh	CG	5,502,087	03/26/96	Tateosian et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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hh	CH	WO 99/17716	04/15/99	US				
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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

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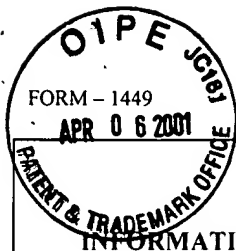
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
hl	DA	5,556,931	09/17/96	Imura, et al.			
	DB	5,663,214	09/02/97	Okada			
	DC	5,670,583	09/23/97	Wellinghof			
	DD	5,720,805	02/24/98	Wellinghof, et al.			
	DE	5,730,601	03/24/98	Bowman, et al.			
hl	DF	5,834,532	11/10/98	Yamamoto, et al.			
	DG	5,852,248	12/22/98	Chadwick			

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							YES	NO
	DH							
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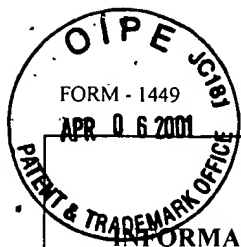
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09/726,767

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
lh	EA	5,859,089	01/12/99	Qian			
	EB	5,865,623	02/02/99	Suh			
	EC	5,886,064	03/23/99	Rheinberger, et al.			
	ED	5,897,885	04/27/99	Petticrew			
	EE	5,910,273	06/08/99	Thiel, et al.			
	EF	5,955,514	09/21/99	Huang, et al.			
lh	EG	5,998,499	12/07/99	Klee, et al.			

FOREIGN PATENT DOCUMENTS

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							YES	NO
	EH							
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	EJ							
	EK							

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